

What is claim d is:

1. A supporting device for grinding ceramic element which is installed on a grinding machine and comprising:
 - a plurality of supporting seats installed on the grinding machine, the supporting seat being made of high hardness material with low friction factor;
 - 5 two locating pins positioned on the supporting seats, one end of the locating pin being inserted into one end of the ceramic element to fix it firmly;
 - a grinding wheel installed under the ceramic element and can be rotated to grind the ceramic element; and
- 10 a plurality of driving wheels installed on a driving shaft, the driving wheels touching the top of the ceramic element and the locating pins respectively to drive them to rotate simultaneously.

2. A supporting device for grinding ceramic element as claimed in claim 1, wherein
15 the supporting seat having a V-shape locating groove to provide a larger supporting area for supporting the locating pin firmly.

3. A supporting device for grinding ceramic element as claimed in claim 1, wherein
two ends of the ceramic being located with the two locating pins, said ceramic element
20 and two locating pins can be rotated simultaneously by said driving wheels so as to prevent said ceramic element and locating pins from wearing out.